



Substitute for form 1449A/B/PTO				Complete If Known	
				Application Number	10/750,891-Conf. #2084
				Filing Date	January 5, 2004
				First Named Inventor	Holger Puchta
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	13173-00010-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)	MM-DD-YYYY		
LZ	AA*	US-5,792,632	08-11-1998	DUJON, et al.	
LZ	AB*	US-5,527,695	06-18-1996	HODGES, et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		
LZ	BA	WO-96/14408	05-17-1996	Institut Pasteur, et al.	T ⁶

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
LZ	CA	PUCHTA, H., et al., "Two Different but related mechanisms are used in plants for the repair of genomic double-strand breaks by homologous recombination", Proc. Natl. Acad. Sci. USA, Vol. 93, 1996, pp. 5055-5060.			
	CB	AGGARWAL, A., et al., "Novel site-specific DNA endonucleases", Current Opinion in Structural Biology, Vol. 8, 1998, pp. 19-25.			
	CC	RUSSELL, S., et al. "Directed Excision of a Transgene from the Plant Genome", Mol. Genet. Genet., Vol. 234, 1992, pp. 49-59.			
	CD	KILBY, N., et al., "FLP Recombinase in Transgenic Plants: Constitutive Activity in Stably Transformed Tobacco and Generation of Marked Cell Clones in <i>Arabidopsis</i> ", The Plant Journal, Vol. 8, No. 5, 1995, pp. 637-652.			
	CE	ONOUCHI, H., et al., "Visualization of Site-Specific Recombination Catalyzed by a Recombinase from <i>Zygosaccharomyces rouxii</i> in <i>Arabidopsis thaliana</i> ", Mol. Gen. Genet., Vol. 247, 1995, pp. 653-660.			
	CF	HABER, J., "In Vivo Biochemistry: Physical Monitoring of Recombination Induced by Site-Specific Endonucleases", BioEssays, Vol. 17, No. 7, 1995, pp. 609-620.			
	CG	PUCHTA, H., "Use of I-Sce I to Induce DNA Double-Strand Breaks in <i>Nicotiana</i> ", Chapter 36, in Methods in Molecular Biology, Vol. 113, DNA Repair Protocols: Eucaryotic Systems, Henderson, D.S., ed., Humana Press Inc., NJ, USA, 1999, pp. 447-451.			
	CH	SEGAL, D., et al., "Endonuclease-induced, Targeted Homologous Extrachromosomal Recombination in <i>Xenopus Oocytes</i> ", Proc. Natl. Acad. Sci. USA, Vol. 92, 1995, pp. 806-810.			
	CI	KUZMINOV, A., "Recombinational Repair of DNA Damage in <i>Escherichia coli</i> and Bacteriophage λ ", Microbiology and Molecular Biology Reviews, Vol. 63, No. 4, 1999, pp. 751-813.			
	CJ	HEIFETZ, P., et al., "Protein Expression in Plastids", Current Opinion in Plant Biology, Vol. 4, 2001, pp. 157-161.			
▼	CK	MENGISTE, T., et al., "Prospects for the Precise Engineering of Plant Genomes by Homologous Recombination", Biol. Chem., Vol. 380, 1999, pp. 749-758.			

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Sheet	2	of	2	Attorney Docket Number	13173-00010-US

LZ	CL	HOHN, B., et al., "Gene Therapy in Plants", Proc. Natl. Acad. Sci. USA, Vol. 96, 1999, pp. 8321-8323.	
	CM	PUCHTA, H., et al., "From CentiMorgans to Base Pairs: Homologous Recombination in Plants", Trends in Plant Science, Vol. 1, No. 10, 1996, pp. 340-348.	
	CN	SIEBERT, R., et al., "Efficient Repair of Genomic Double-Strand Breaks by Homologous Recombination between Directly Repeated Sequences in the Plant Genome", The Plant Cell, Vol. 14, 2002, pp. 1121-1131.	
	CO	DALE, E., et al., "Gene Transfer with Subsequent Removal of the Selection Gene from the Host Genome", Proc. Natl. Acad. Sci. USA, Vol. 88, 1991, pp. 10558-10562.	
	CP	OSBORNE, B., et al., "A System for Insertional Mutagenesis and Chromosomal Rearrangement Using the Ds Transposon and Cre-lox", The Plant Journal, Vol. 7, No. 4, 1995, 687-701.	
	CQ	LYZNIK, L.A., et al., "FLP-Mediated Recombination of FRT Sites in the Maize Genome", Nucleic Acids Research, Vol. 24, No. 19, 1996, pp. 3784-3789.	
	CR	SUGITA, K., et al., "A transformation Vector for the Production of Marker-Free Transgenic Plants Containing a Single Copy Transgene at High Frequency", The Plant Journal, Vol. 22, No. 5, 2000, pp. 461-469.	
	CS	JASIN, M., "Genetic Manipulation of Genomes with Rare-Cutting Endonucleases", TIG, Vol. 12, No. 6, 1996, pp. 224-228.	
	CT	BIBIKOVA, M., et al., "Stimulation of Homologous Recombination through Targeted Cleavage by Chimeric Nucleases", Molecular and Cellular Biology, Vol. 21, No. 1, 2001, pp. 289-297.	
	CU	PÓSFAI, G., et al., "Markerless Gene Replacement in <i>Escherichia coli</i> Stimulated by a Double-Strand Break in the Chromosome", Nucleic Acids Research, Vol. 27, No. 22, 1999, pp. 4409-4415.	
	CV	DÜRRENBERGER, F. et al., "Double Strand Break-Induced Recombination in <i>Chlamydomonas reinhardtii</i> Chloroplasts", Nucleic Acids Research, Vol. 24, No. 17, 1996, pp. 3323-3331.	
	CW	KANAAR, R., et al., "Recombination and Joining: Different Means to the Same Ends", Genes and Function, Vol. 1, No. 3, 1997, pp. 165-174.	
	CX	VERGUNST, A.C., et al., "Recombination in the Plant Genome and its Application in Biotechnology", Critical Reviews in Plant Sciences, Vol 18, No. 1, 1999, pp. 1-31.	
	CY	ROTH, D., et al., "Illegitimate Recombination In Mammalian Cells", Chapter 21 in Genetic Recombination, Kucherlapati, R., et al., eds., Washington, 1988, pp. 621-635.	
↓	CZ	PUCHTA, H., "Removing Selectable Marker Genes: Taking the Shortcut", Trends in Plant Science, Vol. 5, No. 7, 2000, p. 273-274.	

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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